



SEQUENCE LISTING

<110> Muller, Werner
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Krasko, Anatoli

<120> Decomposition and Modification of Silicate and Silicone by
Silicase and Use of the Reversible Enzyme

<130> BB-142

<140> 10/530,240
<141> 2005-04-04

<150> PCT/EP2003/010983
<151> 2003-10-02

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<151> 2002-10-03

<160> 2

<170> PatentIn version 3.3

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<211> 379
<212> PRT
<213> Suberites domuncula

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35 40 45

Arg Ser Thr Leu Leu Ser Ala His Met Val Asp Thr Leu Leu Asp Glu
50 55 60

Asn Gln Gln Ser Arg His Glu Asn Gln His Thr Asp Thr Ser Tyr Lys
65 70 75 80

Met Tyr Gln Gly Leu Lys Phe Val Val Lys Thr Leu Phe Thr Pro Ser
85 90 95

Lys Cys His Arg His Phe Ser Thr Ser Ala His Leu Ser Ala Met Gly
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Arg His Gln Ser Pro Ile Asn Ile Ile Thr Ser Ser Thr Thr Lys Gly
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Pro Ser Leu Lys Pro Leu Lys Phe Ser Lys Ser Trp Asp Lys Pro Val
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Ile Gly Thr Val Lys Asp Thr Gly Tyr Tyr Leu Lys Phe Ala Pro Glu
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Ser Ala Ala Glu Lys Cys Thr Leu His Thr Tyr Asn Gly Glu Tyr Ile
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Leu Asp His Phe His Tyr His Trp Gly Lys Lys Asp Gly Glu Gly Ala
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Glu His Phe Ile Asp Gly Lys Gln Tyr Asp Ile Glu Phe His Phe Val
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His Lys Lys Val Gly Leu Thr Asp Pro Asp Ala Arg Asp Ala Phe Ala
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Val Leu Gly Val Phe Gly Lys Ala Asp Pro Arg Leu Lys Ile Asn Gly
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Ile Trp Glu Leu Leu Ser Pro Ser Thr Val Leu Thr Val Asp Ser Thr
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Arg Asn Val Ala Asp Val Val Pro Ser Lys Leu Leu Pro Ser Ala Arg
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Asp Tyr Phe His Tyr Glu Gly Ser Leu Thr Thr Pro Thr Tyr Gly Glu
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Val Val His Trp Phe Val Leu Asn Glu Pro Ile Ala Val Pro Ser Glu
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